

## **AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph starting at p. 6, line 27 and ending at p. 7, line 3 with the following paragraph rewritten in amendment format:

Each multicast authority corresponds to at least one multicast program; each multicast program that needs multicast resource management corresponds to at least one multicast authority, and the mapping relations between the multicast authorities and multicast programs are one-to-many or many-to-one. The multicast user to be managed should correspond to at least one multicast authority. If the multicast user does not correspond to any multicast authority, the multicast user is a super user and can join in any multicast group. Each multicast user to be managed at least corresponds to one multicast authority, and the mapping relations between the multicast user addresses and multicast ~~group addresses~~ authorities are one-to-many or many-to-one.

Please replace the paragraph starting at p. 7, line 4 and ending at p. 7, line 7 with the following paragraph rewritten in amendment format:

Since the mapping relation between multicast group addresses and multicast authorities is one-to-many or many-to-one, and so is the mapping relation between multicast ~~group address~~ authorities and multicast users, the multicast user is allowed to have different multicast authorities.